

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/079650 A1

(51) International Patent Classification⁷: **A47L 9/00**,
B60K 1/00

(21) International Application Number:
PCT/GB2005/000343

(22) International Filing Date: 1 February 2005 (01.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0403537.4 18 February 2004 (18.02.2004) GB

(71) Applicant (for all designated States except US):
RECKITT BENCKISER (UK) LIMITED [GB/GB];
103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HAMMOND, Geoffrey, Robert** [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB). **LEVINE, Lawrence, T.** [US/US]; Creative Services, 255 Woodside Circle, Fairfield, CT 06825 (US). **NGUYEN, Lamson** [US/US]; 278 Maple Avenue, Somerset, NJ 08873 (US).

(74) Agents: **DICKSON, Elizabeth, Anne** et al.; Intellectual Property Department-Patents Group, Reckitt Benckiser plc, Dansom Lane, Hull HU8 7DS (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

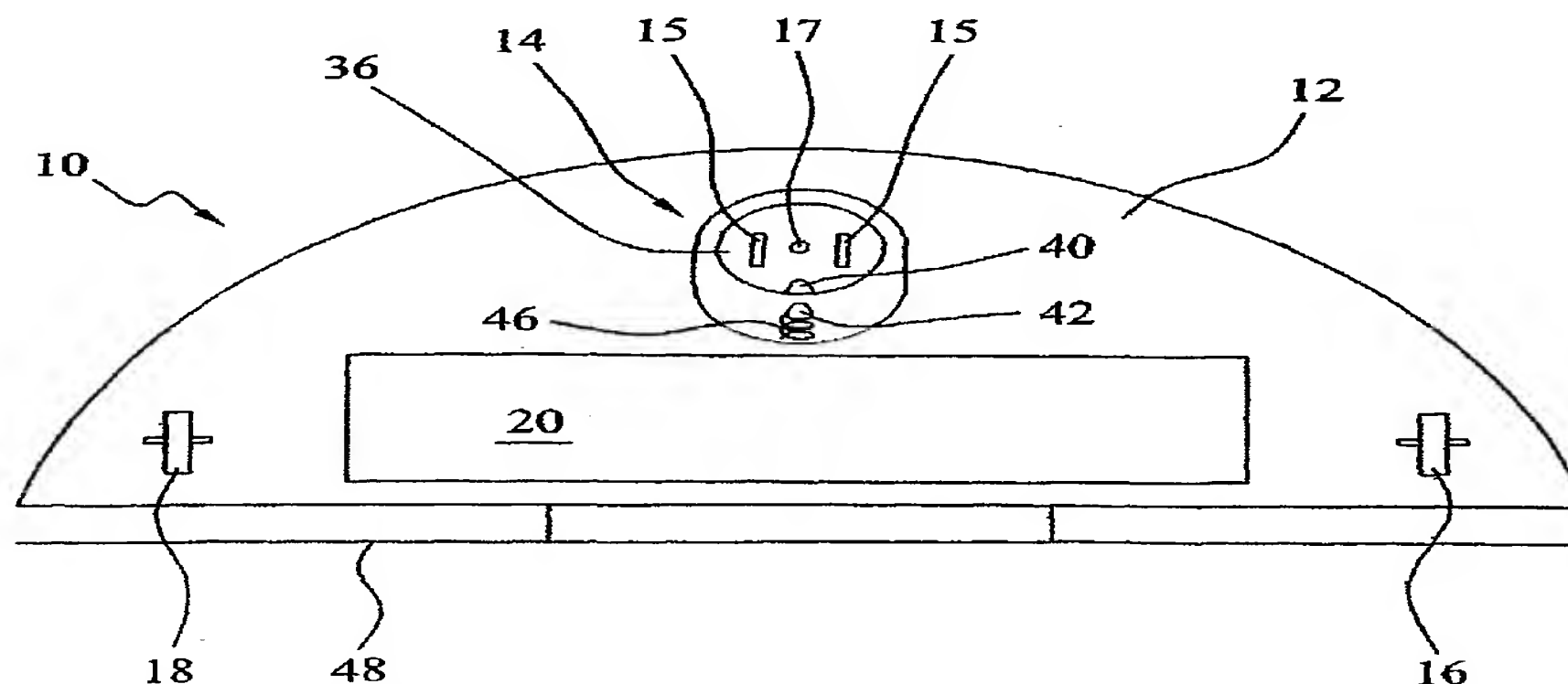
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

[Continued on next page]

(54) Title: CLEANING DEVICE



(57) Abstract: A cleaning device (10) incorporates drive means (14) and cleaning means (20), wherein the drive means (14) are operable to drive the cleaning means (20) across a surface to be cleaned, and wherein the drive means (14), are operable to adopt first and second driving modes, the first driving mode being a travelling mode and the second driving mode being a turning mode, wherein locking means (40, 42) of the drive means (14) allow selection between the first and second driving modes.

WO 2005/079650 A1

WO 2005/079650 A1



Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.